In The Claims:

This list of claims will replace all prior versions and listings of claims in the application. Please amend the claims as set forth below.

1-15. **(Cancelled)**.

16. **(Previously Presented)** A copier system comprising:

a copier capable of being monitored by a personal computer from a remote location, the copier comprising a control computer controlling the performance of the copier, and a control panel configured to receive data from the control computer;

a chip corresponding to the copier, the chip providing an interface for connecting the copier with the personal computer by a bi-directional network, said bi-directional network being capable of connecting the personal computer to a plurality of devices;

the interface comprising:

a microprocessor;

a memory storing special information and being capable of retaining the special information if power to the copier is removed;

a circuit for converting a first parallel data stream from the microprocessor into a first serial data stream and for converting a second serial data stream from the personal computer into a second parallel data stream which the microprocessor processes; and

a driver circuit capable of transmitting the first serial data stream over the bi-directional network,

wherein:

the special information identifies the copier and enables recognition of the copier by a database manager operating on the personal computer; and

the control computer is configured to:

receive a copier control command from the personal computer; and

transmit via the chip to the personal computer a copier status information in response to a request for status information received from the personal computer.

17.   **(Previously Presented)** The copier system according to claim 16, wherein the chip converts serial data transmitted from the personal computer into parallel data and converts parallel data transmitted from the copier into serial data.

18.   **(Previously Presented)** The copier system according to claim 16, further comprising the network wherein the network comprises a plurality of lines, each of the plurality of lines having at least a pair of signal lines transmitting asynchronous serial data.

19.   **(Previously Presented)** The copier system according to claim 18, wherein the plurality of lines comprise four signal lines having the pair of signal lines.

20.   **(Previously Presented)** The copier system according to claim 19, wherein the pair of signal lines comprise a hard wiring.

21-26. **(Cancelled)**.

27.   **(Previously Presented)** The copier system according to claim 18, further comprising the personal computer, wherein a condition of the copier and setup parameters, a copy count and error codes of the copier are displayed on a display screen of the personal computer.

28.   **(Previously Presented)** The copier system according to claim 18, wherein the control panel comprises a light emitting diode.

29.   **(Previously Presented)** The copier system according to claim 18, wherein the control panel comprises a liquid crystal display.

30.   **(Previously Presented)** The copier system according to claim 18, wherein the control panel comprises a plurality of keys.

31.   **(Previously Presented)** The copier system according to claim 18, wherein an error status signal is sent from the control computer to the control panel.

32.   **(Previously Presented)** A copier system capable of being monitored and controlled by a personal computer from a remote location, the copier system comprising:

       a copier machine;

       a computer controller housed in the copier machine and configured to generate a status of the copier machine; and

       an interface for connecting the copier system with the personal computer by a bi-directional communication line connected to the personal computer, the interface comprising:

              a microprocessor;

              a memory storing a special information and being capable of retaining the special information if power to the copier system is removed;

              a circuit for converting a first parallel data stream from the microprocessor into a first serial data stream and for converting a second serial data stream from the personal computer into a second parallel data stream which the microprocessor processes; and

              a driver circuit capable of transmitting the first serial data stream over the bi-directional communication line,

              wherein:

              the special information identifies the copier system and enables recognition of the copier system by a database manager operating on the personal computer, and

              the computer controller is configured to:

receive a copier machine control command from the personal computer; and

transmit to the personal computer via the interface a copier machine status information in response to a request for status information received from the personal computer.

33.   **(Previously Presented)** The copier system according to claim 32, wherein the microprocessor is connected to an address decoder.

34.   **(Cancelled)**

35.   **(Previously Presented)**   The copier system according to claim 32, wherein the status of the copier machine monitored by the personal computer comprises a setup parameter of the copier, and wherein data representing the setup parameter is transmitted via the interface to the personal computer in a format enabling a representation of the data to be displayed on a display screen of the personal computer.

36.   **(Previously Presented)** A copier system comprising:

a copier capable of being monitored by a personal computer from a remote location, the personal computer being connected to the copier system via a network, the network comprising a pair of wires to bi-directionally transmit serial data;

an interface for connecting the copier with the personal computer by the network connected to the personal computer, the interface comprising:

a microprocessor;

a memory storing a special information and being capable of retaining the special information if power to the copier is removed;

a circuit for converting a first parallel data stream from the microprocessor into a first serial data stream and for converting a second serial data stream from the personal computer into a second parallel data stream which the microprocessor processes; and

a driver circuit capable of transmitting the first serial data stream over the network,

wherein:

the special information identifies the copier and enables recognition of the copier by a database manager operating on the personal computer; and

wherein , the copier is configured to:

receive a copier control command from the personal computer; and

transmit via the network to the personal computer a copier status information in response to a request for status information received from the personal computer.

37. **(Previously Presented)** The copier system according to claim 36, wherein a status of the copier monitored by the personal computer comprises a setup parameter of the copier, and wherein data representing the setup parameter is transmitted via the universal asynchronous receiver/transmitter to the personal computer to be displayed on a display screen of the personal computer.

38. **(Previously Presented)** The copier system of claim 16, wherein the control computer is further configured to transmit real time copier status information to the remote computer.

39. **(Previously Presented)** The copier system of claim 32, wherein the computer controller is further configured to transmit real time copier machine status information to the personal computer.